

What is Claimed

1. A digital optical data carrier in disc format comprising at least two separate discs adhered together, one of said discs having data storage in CD-format, and the other disc having data storage in DVD-format, at least one surface of the data carrier has an optically readable information printed directly onto the disc with a dye absorbing visible light.
2. The digital optical data carrier of claim 1 wherein the data storage is in an area of the disc and readable information is outside said area of data storage.
3. The digital optical data carrier of claim 1 wherein the disc with data storage in DVD-format has a surface containing optically readable data printed directly on the disc with a dye readable by a human being and which is transparent to a laser used for reading said data storage in said DVD-format.
4. The digital optical data carrier of claim 1 wherein said dye absorbs radiation between 300 and 525 nm.
5. The digital optical data carrier of claim 4 wherein said dye is a merocyanine dye.

6. The digital optical data carrier of claim 5 wherein said merocyanine dye is selected from the group consisting of 1,3-dimethyl-5-[2-(1-methyl-pyrrolidin-2-ylidene)-ethylidene]-2-thioxo-imidazolidin-4-one, 3-ethyl-5-[2-(3-methyl-thiazolidin-2-ylidene)-ethylidene]-2-thioxo-oxazolidin-4-one, and [5-[2-(3-methyl-thiazolidin-2-ylidene)-ethylidene]-4-oxo-2-thioxo-thiazolidin-3-yl]-acetic acid.

7. The digital optical data carrier according to claim 1 wherein data is permanently stored on the disc surfaces.

8. The digital optical data carrier according to claim 1 wherein the DVD disc surface is provided with a thin, peelable film carrying normally readable information about the record on the CD-disc surface.

9. A digital optical data carrier according to claim 1 comprising three discs that are equal in area, the central disc carrying the normally readable information.

10. The digital optical data carrier of claim 1 wherein said DVD surface contains optically readable data which is not readable by a laser.

11. The digital optical data carrier of claim 1 wherein the optically readable data is on at least one foil attached to the surface with the DVD-format.

12. The digital optical data carrier of claim 1 wherein said optically readable data is below a surface readable by a laser.

13. The digital optical data carrier of claim 1 comprising three layers, the central layer carrying said optically readable data which is not readable by laser.

14. Digital optical data carrier in disc format with two separate discs (20, 22), one disc being provided with a data storage in CD-format and the other disc with a data storage in DVD-format, the separate discs (24-28) are equal in area and are glued together to form the digital optical data carrier, at least one disc has a surface (20, 22) carrying an optically readable mark, which a standard user may easily read, the mark indicating the format of the data storage of this disc, CD or DVD.

15. The digital optical data carrier according to claim 14, wherein the data storage is in an area of the disc and the mark is outside this area of the data storage.

16. The digital optical data carrier according to claim 14, wherein the disc with data storage in DVD-format has a surface containing optically readable data printed directly onto the disc by choosing a color that is readable by a human being but which is transparent for a laser used for reading said data storage in said DVD-format.